

# Product Datasheet

## TMPRSS2 Antibody (2F4) - Azide and BSA Free H00007113-M05

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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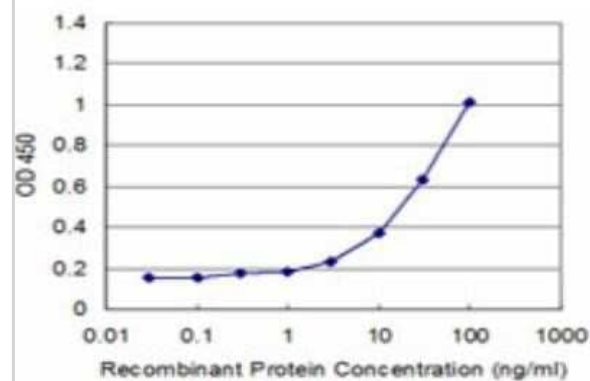


**H00007113-M05****TMPRSS2 Antibody (2F4) - Azide and BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2F4
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Target Molecular Weight</b>	53.9 kDa
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	7113
<b>Gene Symbol</b>	TMPRSS2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Mouse (84%)
<b>Immunogen</b>	TMPRSS2 (NP_005647, 383 a.a. ~ 492 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GWGATEEKGKTSEVLNAAKVLLIETQRCNSRYVYDNLITPAMICAGFLQGNVDS CQGDSGGPLVTSKNNIWWLIGDTSWGSGCAKAYRPGVYGNVMVFTDWIYRQ MRADG
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

## Images

ELISA: Tmprss2 Antibody (2F4) [H00007113-M05] - Detection limit for recombinant GST tagged Tmprss2 using Tmprss2 Antibody (2F4) is approximately 3ng/ml (capture antibody).



## Publications

Michael D, Rita C, Xuping X et al. SARS-CoV-2 variants show resistance to neutralization by many monoclonal and serum-derived polyclonal antibodies. Res Sq. 2021-02-10 [PMID: 33594356]



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### **Products Related to H00007113-M05**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00007113-Q01-10ug	Recombinant Human TMPRSS2 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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